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云南东南部姜属一新种

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A NEW TAXON OF ZINGIBER FROM THE SOUTHEAST OF YUNNAN

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关键词　姜属，古林姜，新种
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古林姜　新种　图 1

Zingiber gulinense Y. M. Xia, sp. nov.

Haec species affinis *Z. striolatum* Diels, sed laminis ellipticis, corollarum lobis ovatis, labelli lobo medio oblongo, modo c. 0.7 cm lato, lobis lateralibus linearibus c.1 cm longis, connectivi appendice c. 0.4 cm longa differt.

Herba erecta, 0.5～0.9 m alta, basi vaginis elaminatis purpureo-rubris praedita. Folia petiolo 1～1.7 cm longo glabro suffulta; lamina elliptica, 10～18 cm longa, 5.6～7 cm lata, apice acuminata, basi cuneata, supra atro-viridis glabra, nervis in vivo inconspicuis, subtus viridula laxe villosa; ligula biloba, membranoa, 0.4～0.5 cm longa, glabra; vaginae virides glabrae. Spica capitata, 2～3 e rhizomate oriens, 1.8～3 cm longa, 1.8～2.5 cm lata; pedunculus 2～7 cm longus, in terra occultans, squamis purpurscentibus glabris; bracteae lanceolatae, maculis purpureo-rubris dense obsitae, 3～3.2 cm longae, c. 1.1 cm latae, apice obtusae, glabrae; bracteola tubulosa, c. 2.8 cm longa, c. 0.4 cm diam., maculis purpureo-rubris dense obsitae, glabra; calyx tubulosus, c. 1.4 cm longus, c. 0.4 cm diam., apice emarginatus, unilateraliter ad 1/2 dehiscens, glaber, albus; corollae tubus c. 2.6 cm longus, c. 0.2 cm diam., glaber, flavus, lobis ovatis, flavis glabris, dorsalibus c. 2.1 cm longis, c. 0.8 cm latis, apice acuminatis, lateralibus c. 1.7 cm longis, c. 0.6 cm latis, apice acutis; labellum purpuratum, albis maculis obsitum, basi album, glabrum, lobo medio oblongo, apice acuminato, c. 2.1 cm longo, c. 0.7 cm lato, lobis lateralibus (staminodiis lateralibus) linearibus, c. 1 cm longis, c. 0.2 cm latis; stamen glabrum, purpureo-rubrum, filamento c. 0.2 cm longo, antherarum thecis c. 0.9 cm longis; connectivi appendicula c. 0.4 cm longa, ovarium viridulum, glaber; stylus linear pallidus, stigma pallidus ciliatum, connectivorum appendiculam excedens; glandes epigynae lineares, c. 0.2 cm longae. Capsula ovato-trigona, purpureo-rubra, c. 2.3 cm longa, c. 1.2 cm lata; semina nigria, arillis albo-carnosis cincta.

Yunnan(云南): Maquan(马关), alt. 610 m, in sylvis, 8 Sep. 1992, Y. M. Xia(夏永梅) et J.Cheng

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陈进)42774 (Holotypus, YNTBI).

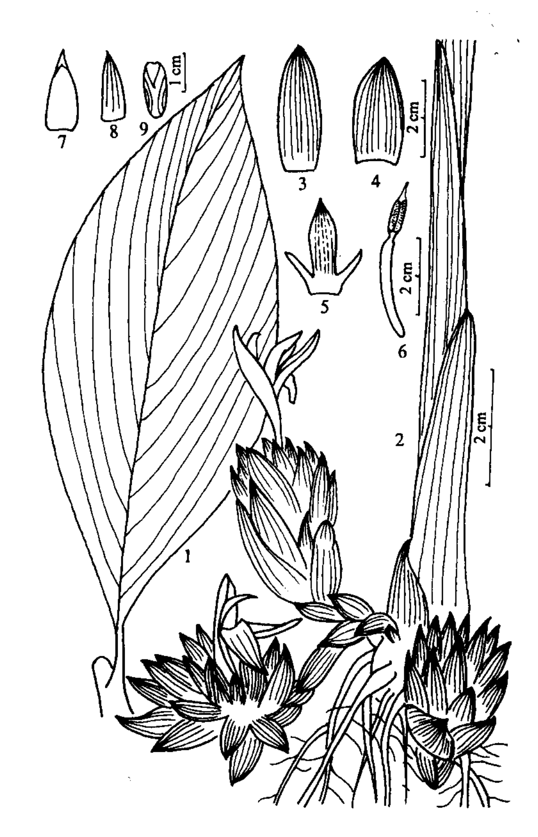


图 1 古林姜 *Z. gulinense* Y. M. Xia. 1. 叶；2. 具花序的叶茎基部；3. 内苞片；4. 展开的小苞片；5. 唇瓣；6. 花冠管和雄蕊；7. 花冠背裂片；8. 花冠侧裂片；9. 花萼(刘怡涛绘)

直立草本，高 0.5～0.9 m，基部具紫红色无叶片的叶鞘。叶柄长 1～1.7 m，无毛；叶片椭圆形，长 10～18 cm，宽 5.6～7 cm，顶端渐尖，基部楔形，叶面深绿色，无毛，叶脉鲜时不明显，叶背淡绿色，疏被长柔毛；叶舌两裂，膜质，长 0.4～0.5 cm，无毛；叶鞘绿色，无毛。穗状花序头状，从根茎抽出 2～3 枚，长 1.8～3 cm，宽 1.8～2.5 cm；花序梗长 2～7 cm，隐藏于土中，具无毛淡紫色的鳞片；苞片披针形，无毛，密被紫红色斑点，长 3～3.2 cm，宽约 1.1 cm，顶端钝；小苞片管状，长约 2.8 cm，直径约 0.4 cm，密被紫红色斑点，无毛；花萼管状，长约 1.4 cm，直径约 0.4 cm，顶端微凹，一侧开裂至 1/2 处，无毛，白色；花冠管长约 2.6 cm，直径约 0.2 cm，无毛，黄色，裂片卵形，黄色，无毛，背裂片长约 2.1 cm，宽约 0.8 cm，顶端渐尖，侧裂片长约 1.7 cm，宽约 0.6 cm，顶端急尖；唇瓣紫色，具白色斑点，基部白色，无毛，中裂片矩圆形，顶端渐尖，长约 2.1 cm，宽约 0.7 cm，侧裂片（侧生退化雄蕊）线形，长达 1 cm，宽约 0.2 cm；雄蕊无毛，紫红色；花丝长约 0.2 cm；花药室长约 0.9 cm；药隔附属体长约 0.4 cm；子房淡绿色，无毛；花柱线形，淡白色；柱头白色，具睫毛，伸出药隔附属体外；上位腺体线形，长约 0.2 cm。蒴果三棱状卵形，紫红色，长约 2.3 cm，宽约 1.2 cm；种子黑色，包有白色的肉质假种皮。

本种与 *Z. striolatum* Diles 接近，主要区别在于叶片椭圆形，花冠裂片卵形，唇瓣中裂片矩圆形，宽仅 0.7 cm，侧裂片线形，长达 1 cm，药隔附属体长仅 0.4 cm。

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